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AN - 1997-209397 [19]

AP - JP19950220370 19950829

CPY - TEIJ

DC - A23

FS - CPI

IC - C08G64/30 ; C08G64/40

MC - A05-E06A A10-D05 A10-G01A A10-G01B A11-A01 A11-A03 A11-B07C

PA - (TEIJ) TEIJIN LTD

PN - JP9059367 A 19970304 DW199719 C08G64/30 001pp

PR - JP19950220370 19950829

XA - C1997-067478

XIC - C08G-064/30 ; C08G-064/40

AB - J09059367 The prepn. of a polycarbonate (PC) resin comprises kneading PC in the presence of N₂ which is fed at a speed of 0.1-20 normal litre based on 100 g. PC, by an extruder having an evacuated vent port and then treating under vacuum.

- Pref. the PC is that prepd. by fusion-polymerising an aromatic dihydroxy cpd. with an aromatic dicarbonate. The PC is prepd. by fusion-polymerising with 0.0000001-0.001 equiv. per mol. of an aromatic dihydroxy cpd., of an alkali metal cpd. and/or alkali earth metal cpd. and a N-contg. basic cpd. as polymerising catalysts and added 0.01-500 ppm. of a stabiliser. The stabiliser is ammonium sulphonate and/or phosphonium sulphonate, the ester, the ammonium salt and/or the phosphonium salt of dodecylbenzene sulphonate or the ester, the ammonium or the phosphonium of p-toluene sulphonic acid and/or the ester, ammonium salt or phosphonium salt of benzene sulphonic acid. PC is kneaded in N₂ at 200-350 deg. C for 0.1-100 sec. and then treated at 0.1-700 mmHg.

- ADVANTAGE - The obtd. PC resin contains only slight impurities, esp. volatile impurities and, therefore has good thermal stability, hue stability and hydrolysis resistance.

- (Dwg.0/0)

IW - PREPARATION POLYCARBONATE RESIN THERMAL STABILISED COMPRISE KNEAD
POLYCARBONATE PRESENCE NITROGEN FEED SPECIFIC SPEED EXTRUDE HEAT VACUUM

IKW - PREPARATION POLYCARBONATE RESIN THERMAL STABILISED COMPRISE KNEAD
POLYCARBONATE PRESENCE NITROGEN FEED SPECIFIC SPEED EXTRUDE HEAT VACUUM

NC - 001

OPD - 1995-08-29

ORD - 1997-03-04

PAW - (TEIJ) TEIJIN LTD

TI - Prepn. of polycarbonate resin having good thermal stability - comprises kneading polycarbonate in presence of nitrogen, fed at specific speed, by extruder then heating under vacuum

A01 - [001] 018 ; P0862 P0839 F41 F44 D01 D63 ;

- [002] 018 ; R00470 G1161 G1150 G1149 G1092 D01 D11 D10 D19 D18 D32 D50 D76 D93 F32 F30 ; R06918 G1296 D01 D19 D18 D32 D50 D63 D76 D93 F44 ; H0022 H0011 ; H0293 ; L9999 L2528 L2506 ; L9999 L2197 L2186 ; S9999 S1547 S1536 ; L9999 L2653 L2506 ;

- [003] 018 ; B9999 B4682 B4568 ; N9999 N7272 ; N9999 N5970-R ; N9999 N6439 ; N9999 N6757 N6735 N6655 ; K9949 ; N9999 N6360 N6337 ; Raaaa R44aa R4466 . Raaaa R3690.R . Raaaa R4706-R R4560 . K0700

B9999 B3678 B3554 ; N9999 N6597 N6586 ; ND07 ; N9999 N6826 N6655 ;
B9999 B3725 B3690 ;
- [004] 018 ; D01 D11 D10 D18-R D19 D18 D32 D76 D61-R D93 1A-R Na 1A
2A-R ; C999 C102 C000 ; C999 C306 ;
- [005] 018 ; D01 F16 F62 F51 D63 D61-R D19 D18 D60 ; A999 A486-R ;
A999 A771 ; A999 A511 A486 ;